

## Practice

***Dividing by Monomials******Simplify. Assume that no denominator is equal to zero.***

1.  $\frac{c^0}{c^{-3}}$

2.  $\frac{1}{x^{-4}}$

3.  $\frac{m}{m^3}$

4.  $\frac{a^2b^3}{a^3b^2}$

5.  $\frac{(-c)^2d^7}{c^2d^6}$

6.  $\frac{(-e)^6f}{e^6f^4}$

7.  $\frac{9d^7}{3d^6}$

8.  $\frac{12n^5}{36n}$

9.  $\frac{r^3s^2}{r^3s^4}$

10.  $\frac{w^4u^3}{w^4u}$

11.  $\frac{c^6(-d)^7}{c^{10}d^5}$

12.  $\frac{a^5b^3}{a^7b^2}$

13.  $\frac{15x^3y^5}{-3x^5y^2}$

14.  $\frac{-24kd^8}{8k^2d^7}$

15.  $\frac{16x^2y^4}{8x^2(-y)^3}$

16.  $\frac{12x^7}{4x^5}$

17.  $\frac{3y^6}{y^6}$

18.  $\frac{10a^{10}b^5}{2a^{11}b^5}$

19.  $\frac{48r^{12}s^8}{16r^{14}s^6}$

20.  $\frac{16x^5y^2}{2x^3y^3}$

21.  $\frac{-27x^5y^4}{9x^3y^4}$

22.  $\frac{32x^3y^2z^5}{-8xyz^2}$

23.  $\frac{8a^{11}b^7}{-2a^5b^9}$

24.  $\frac{48x^6y^7z^5}{-6xy^5z^6}$

25.  $\frac{54x^7y^4z}{27x^6y}$

26.  $\frac{-21w^5u^2}{7w^4u^5}$

27.  $\frac{12d^2ef^2}{2de^3f^2}$